## REMARKS

The cited patent application to Aluzzo does not teach, in response to the detection of a user input, generating a graphical user interface before the operating system has booted. Generally, in conventional systems, the system must boot before a graphical user interface is possible.
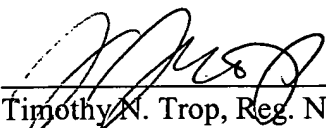
Nothing in Aluzzo is contrary to the conventional in this respect. Namely, Aluzzo displays a screen indicating that the computer is locked, as indicated in paragraph 40. But nothing about this computer lock screen could constitute a graphical user interface. By definition, the graphical user interface enables provision of computer inputs through the display. A display that simply says computer locked does the opposite. It precludes any user inputs and allows no interaction whatsoever. This is its very purpose. The reason for the computer lock display is to prevent the user from doing anything prior to the time the system is booted, specifically to prevent attempts to override the failure to authenticate. See paragraph 37.

To the extent that the office action suggests that the touch screen reader is utilized as part of the authentication routine in the pre-boot sequence, this would appear to be mistaken. The touch screen reader is one of the input devices 108. See paragraph 28. As explained in the last sentence in paragraph 31, if authenticated access is not provided, access to an input device is precluded. It is only after full computer functionality is restored after authentication that access to input devices is provided. See paragraph 44. Nothing in the cited reference teaches anything about how one would possibly interact with such a device prior to booting. Nor does the reference ever explicitly state that this is possible. Therefore, the reference fails to teach enabling access to a graphical user interface prior to boot up. Thus, the authentication process uses no such interrupt device and, therefore, there is no use of a graphical user interface prior to booting.

As a result, reconsideration is requested.

Respectfully submitted,

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